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Bozeman,  
Montana

# MONTANA WATER SUPPLY OUTLOOK

## Snowpack and Streamflow Forecasts as of October 1, 1985

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
SNOW SURVEY UNIT  
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## Summary of 1985 snow and precipitation accumulation

The winter season started off well with January 1 snowpack measurements being near to well above average over most of Montana. Around January 1, the moisture flow across the state diminished. Almost all areas received much below average precipitation for the rest of the winter.

By April 1, snowpacks were generally below average across the southern half of the state and near average in the northern part. May and June, usually good moisture months, did not follow the long-term pattern and most stations reported well below average precipitation.

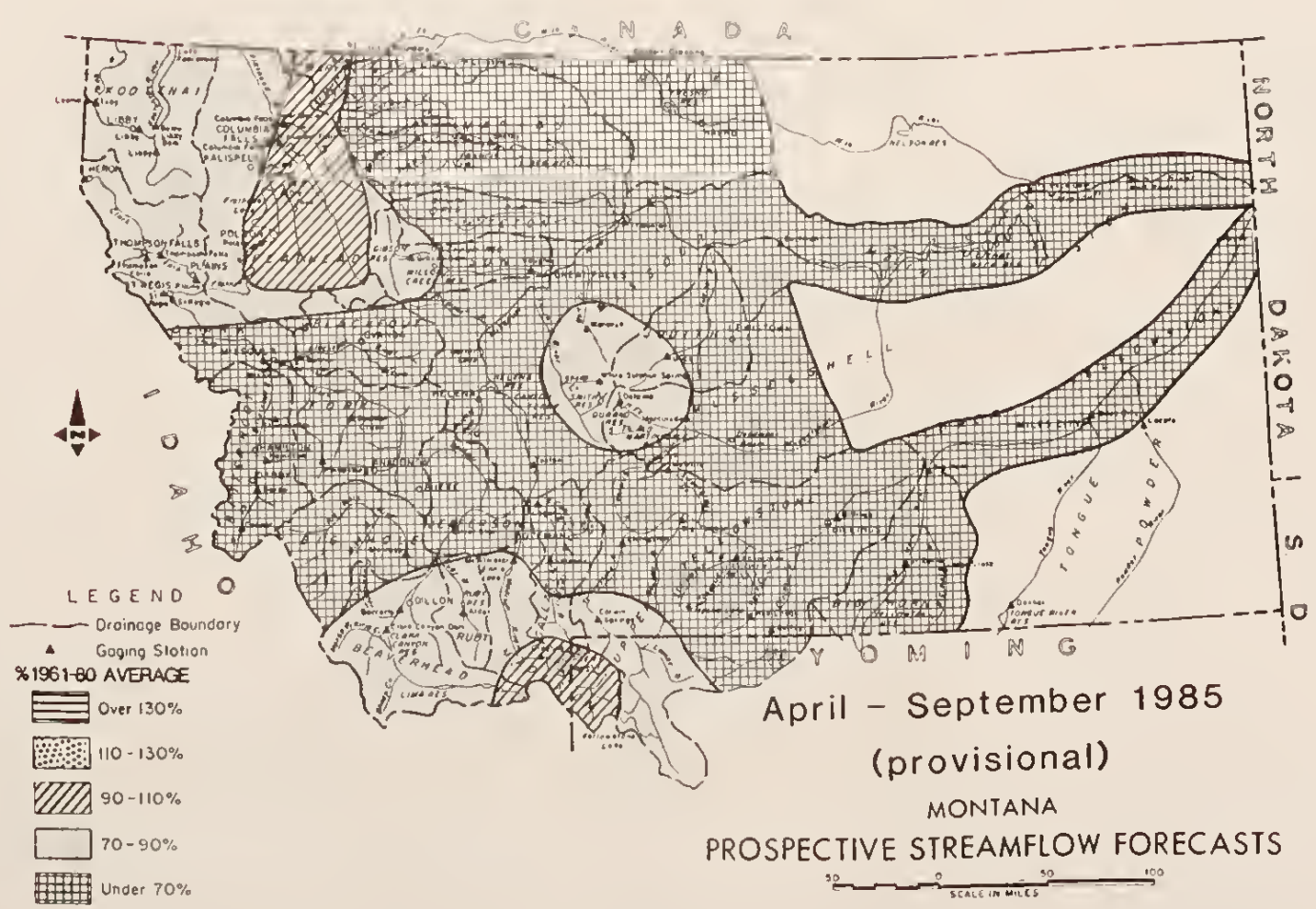
Snowmelt also started about one month ahead of schedule because of warm temperatures. July continued to be dry and warm in most areas with some mountain and valley stations showing zero or near zero amounts of precipitation for the month.

By August, improved moisture patterns brought good rainfall to most areas and ended the 7-month period of deficient moisture. Many locations in the mountains received 4 to 8 inches of precipitation while many valley areas received 2 to 4 inches. September followed the pattern set in August of good moisture. Some high elevations are presently snow-covered and the snowpacks that will provide next spring's runoff are beginning to accumulate.

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The Montana Water Supply Outlook is a publication of the U. S. Soil Conservation Service. The SCS administers the Cooperative Snow Survey Program in cooperation with other federal, state and private agencies, organizations, and individuals.

The report is prepared by SCS, Snow Survey and Water Supply Forecast Staff, Room 443, Federal Building, 10 East Babcock, Bozeman, Montana.



Based on provisional data provided by:  
U.S. Geological Survey  
Bureau of Reclamation  
National Weather Service  
Soil Conservation Service  
Montana Power Company  
Lima Water Users Irrigation Company  
Bitterroot Irrigation District  
Pondera County Canal and Reservoir Co.  
Butte Water Company  
Anaconda Minerals Company  
and others

April - September 1985  
(provisional)  
MONTANA  
PROSPECTIVE STREAMFLOW FORECASTS  
SCALE IN MILES



